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| Substitute for form 1449/PTO   |   | <b>Complete if Known</b> |               |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   | Application Number       |               |
|  |   | Filing Date              | July 14, 2003 |
|  |   | First Named Inventor     | KYLE K. KIRBY |
|  |   | Art Unit                 |               |
|  |   | Examiner Name            |               |
| Sheet  | 2 | of                       | 3             |
|  |   | Attorney Docket Number   | 03-0301       |

|                       |                    |  |
|-----------------------|--------------------|--|
| Examiner<br>Signature | Date<br>Considered |  |
|-----------------------|--------------------|--|

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>2</sup> Applicant's unique citation designation number (optional).<sup>3</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KYLE K. KIRBY  
WARREN M. FARNWORTH

SERIAL NO. :

FILING DATE: 7/14/2003

FOR: SEMICONDUCTOR INTERCONNECT HAVING CONDUCTIVE SPRING  
CONTACTS, METHOD OF FABRICATION, AND TEST SYSTEMS  
INCORPORATING THE INTERCONNECT

Attorney Docket No. 03-0301

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56**  
**July 14, 2003**

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

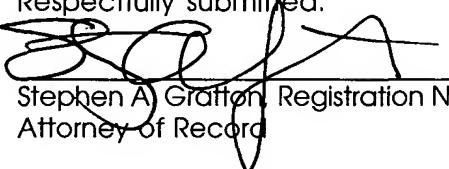
Sir:

The citations listed on the accompanying Form PTO/SB/08, copies attached, may be material to the examination of the subject application and are therefore submitted in compliance with the duty of disclosure defined in 37 CFR §§1.56, 1.97 and 1.98.

This Information Disclosure Statement under 37 CFR §§1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art under 35 USC §102.

It is requested that the above citations be made of record, if appropriate, in the prosecution of this application.

Respectfully submitted:

  
Stephen A. Grafton, Registration No. 28,418  
Attorney of Record

2764 South Braun Way  
Lakewood, CO 80228  
Telephone: 303 989 6353

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Address" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Jul 14, 2003  
Date of Signature

  
Stephen A. Grafton, Attorney for Applicants

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|  |   | Filing Date            | July 14, 2003 |
|  |   | First Named Inventor   | KYLE K. KIRBY |
|  |   | Art Unit               |               |
|  |   | Examiner Name          |               |
| Sheet  | 1 | of                     | 3             |
|  |   | Attorney Docket Number | 03-0301       |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | A                     | US- 5,326,428                            | 07/05/1994                     | Farnworth et al.                                   |   |
|                    | B                     | US- 5,408,190                            | 04/18/1995                     | Wood et al.  |   |
|                    | C                     | US- 5,478,779                            | 12/26/1995                     | Akram  |   |
|                    | D                     | US- 5,483,741                            | 01/16/1996                     | Akram et al.                                       |   |
|                    | E                     | US- 5,495,667                            | 03/05/1996                     | Farnworth et al.                                   |   |
|                    | F                     | US- 5,519,332                            | 05/21/1996                     | Wood et al.  |   |
|                    | G                     | US- 5,541,525                            | 07/30/1996                     | Wood et al.  |   |
|                    | H                     | US- 5,559,444                            | 09/24/1996                     | Farnworth et al.                                   |   |
|                    | I                     | US- 5,592,736                            | 01/14/1997                     | Akram et al.                                       |   |
|                    | J                     | US- 5,686,317                            | 11/11/1997                     | Akram et al.                                       |   |
|                    | K                     | US- 5,716,218                            | 02/10/1998                     | Farnworth et al.                                   |   |
|                    | L                     | US- 5,756,370                            | 05/26/1998                     | Farnworth et al.                                   |   |
|                    | M                     | US- 5,781,022                            | 07/14/1998                     | Wood et al.  |   |
|                    | N                     | US- 5,783,461                            | 07/21/1998                     | Hembree  |   |
|                    | O                     | US- 5,815,000                            | 09/29/1998                     | Farnworth et al.                                   |   |
|                    | P                     | US- 6,005,288                            | 12/21/1999                     | Farnworth et al.                                   |   |
|                    | Q                     | US- 6,068,669                            | 05/30/2000                     | Farnworth et al.                                   |   |
|                    | R                     | US- 6,072,321                            | 06/06/2000                     | Akram et al.                                       |   |
|                    | S                     | US- 6,232,243 B1                         | 05/15/2001                     | Farnworth et al.                                   |   |

## FOREIGN PATENT DOCUMENTS

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

<sup>4</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Complete if Known

**INFORMATION DISCLOSURE  
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(Use as many sheets as necessary)

Sheet

3

of

3

Application Number

July 14, 2003

Filing Date

KYLE K. KIRBY

First Named Inventor

Art Unit

Examiner Name

Attorney Docket Number

03-0301

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s)/volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|--|----------------|
| AB                 |                       | US Patent Application Serial No. 09/259,143 filed 2/26/1999.   |                |
| AC                 |                       | US Patent Application Serial No. 09/652,340 filed 8/31/2000.   |                |
| AD                 |                       | US Patent Application Serial No. 60/425,567 filed 11/11/2002.  |                |
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Considered

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